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MF		$\Lambda$	RE 29,820	10/1978	Konicek	<b>C</b>		/ /				
MF		Д	2,688,348	09/1954	Sullivan	l						
MF			2,706,165	04/1955	Korsgaa	ard						
MF			2,774,698	12/1956	Jenk et	al.						
MF			3,589,975	06/1971	Andrew	s et al.						
MF	Ц		3,592,722	07/1971	Morgan							
MF	Ц		3,647,592	03/1972	Woodbe	erry						
MF			3,730,825	05/1973	Nakane							
MF			3,808,088	04/1974	Knechtg	ges et al.						
MF	$\parallel$		3.932,250	01/1976	Sato et a	al.						
MF			3,936,548	02/1976	Konicek	<b>.</b>	<u> </u>	V				
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MF		Д	2-291191	11/1990	JA			/				
MF			2-310041	12/1990	JA							
MF	$\coprod$		2-58885	02/1990	JA				/ /			
MF	$\perp$		52-5353	02/1977	JA			$\perp /$	/ /			
MF	lacksquare		62-208915	09/1987	JA		/	_]/	/ /			
		_	OTHER DOCUMEN	•	<u> </u>	, Title, Date, Pertinent i	<u> </u>	-				
		T	Pohl et al., "PRODUCIN	G AND JOINTI	LY PROC	ESSING BASE LAMINA	TES FOR M	ULTILAYER I	PRINTED			
MF	CIRCUIT CARDS," IBM Technical Disclosure Bulletin, Vol. 27, No. 8, pp. 4841-4842, January, 1985.											
	_	†	DECLARATION OF RO	BERT JORDA	N, United	States District Court, Nor	thern Distric	t of California,	· •			
MF	Son Jose Division, Case No. C02-20672 TW (PVT), November 25, 1002											
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MF		3,94	48,701	04/1976	Fasbend	ler et al.					
MF		3,98	84,598	10/1976	Sarazin	et al.					
MF		3,99	90,926	11/1976	Konicek	<b>T</b>					
MF		4,02	22,648	05/1977	Woodbe	erry et al.					
MF	Ц	4,02	23,998	05/1977	Cederbe	erg et al.					
MF	Ш	4,09	92,925	06/1978	Fromso	n					
MF		4,11	13,576	09/1978	Hutkin						
MF		4,17	79,324	12/1979	Kirkpatrick						
MF		4,18	80,608	12/1979	Del		-				
MF		4,31	11,419	01/1982	Block			<u> </u>			
MF		4,35	51,873	09/1982	Davis			<u> </u>			
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MF		4-18	86798	07/1992	JA						
MF		28 4	43 263	02/1980	DE						
MF		31 3	31 688	05/1982	DE				/ /		
MF		0 21	12 124	03/1987	EP						
MF	<u>L</u>	0 23	35 582	09/1987	EP		/	1/			
	•		OTHER DOCUMEN	NTS (Includin	g Author,	Title, Date, Pertinent F	Pages, Etc.	) *	•		
						es District Court, Northern	District of	alifornia,			
MF			San Jose Division, Case	No. C92 20672 J	W (PVT),	November 30, 1992.					
	ĺ	/				District Court, Northern D	District of Ca	lifornia,			
MF	San Jose Division, Case No. C92 20672 JW (PVT), December 7, 1992										
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MF		4,357,395			11/1982	Lifshin	et al.	/			
MF		Ц	4,38	31,327	04/1983	Briere					
MF		Ц	4,38	33,003	05/1983	Lifshin	et al.				
MF			4,39	94,419	07/1983	Konicek	<b>C</b>				
MF	$\perp$		4,44	6,188	05/1984	Patel et	al.				
MF			4,45	55,181	06/1984	Lifshin (	et al.				
MF			4,56	58,413	02/1986	Toth et	al.				
MÇ	1		4,58	37,152	05/1986	Gleichei	nhagen et al.				
MF	$\perp$		4,71	5,116	12/1987	Thorpe	et al.				
MF	L		4,72	22,765	02/1988	Ambros	et al.				
MF			4,77	75,599	10/1988	Matsuol	ka et al.		<u> </u>		
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MF		Δ	299	454	01/1989	EP				1	
MF		$' \rfloor$	41 1	6 543 A	11/1992	DE					
MF	$\perp$		297	19 716 U	12/1997	DE					
MF			0 41	1 142 A	02/1991	EP					
MF			1 21	7 104 A	12/1970	GB			1/		
				OTHER DOCUMEN	NTS (Includin	g Author,	, Title, Date, Pertinent F	Pages, Etc.	)		
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MF	/	$\nmid$		pp. 7-8, July 11, 1996.							
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MF		1	4,78	81,495	11/1998	Hatch e	t al.		1		
MF		1	4,78	31,969	11/1988	Kobaya	shi et al.				
MF		$\perp$	4,78	38,102	11/1988	Koning	et al.				
MF		L	4,84	17,146	07/1989	Yeh et a	ıl.				
MF			4,85	53,273	08/1989	Harris,	Jr.				
MF		L	4,87	72,934	10/1989	Kameda	1				
MF	ļ		4,87	75,283	10/1989	Johnsto	n				
MF			4,92	29,370	05/1990	Hatch e	t al.				
MF	$\perp$		4,96	51,806	10/1990	Gerrie e	et al.				
MF			5,03	30,302	07/1991	Jud et a	1.				
MF		5,057,372 10/1991				Imfeld e	et al.	V /			
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MF	_	/	0 87	72 301 A	10/1998	EP					
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		T	/	Hinton, P., "THE HIGH			LAMINATING MLBS,"				
MF		$\downarrow$		Electronic Packaging an	d Production, Vo	ol. 30, No.	1, pp. 56-61, January, 1990	0.			
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MF		_	5,096,522	03/1992	Kawach	ni et al.							
MF		_	5,120,590	06/1992	Savage	et al.							
MF		1	5,153,050	10/1992	Johnsto	n	$\bot$						
MF		1	5,350,621	09/1994	Yuhas e	et al.							
MF		L	5,407,744	04/1995	Herero	et al.							
MF		L	5,512,381	04/1996	Konicel	c et al.							
MF			5,674,596	10/1997	Johnsto	n							
MF	1		5,716,168	02/1998	Janoff								
MF			5,725,937	03/1998	Johnston								
MF	1		5,789,066	08/1998	De Mar	e et al.							
MF			5,951,803	09/1999	09/1999 Johnston								
	FOREIGN PATENT DOCUMENTS												
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MF		5,997,983	12/1999	Caron e	t al.	/					
MF		6,127,051	10/2000	Frater							
MF		6,129,990	10/2000	Frater							
MF		6,129,998	10/2000	Frater							
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